



MULTIMEDIA

UNIVERSITY®

**STUDENT ID NO**

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# MULTIMEDIA UNIVERSITY

## FINAL EXAMINATION

**TRIMESTER 1, 2018/2019**

**MAX2033 – VISUAL EFFECTS AND COMPOSITING**

(All sections / Groups)

19 OCTOBER 2018

3.00 PM - 5.00 PM

( 2 Hours )

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### INSTRUCTIONS TO STUDENT

1. This Question paper consists of 4 pages with SECTION A ONLY.
2. Answer ALL questions.
3. Please write all your answers in the Answer Booklet provided.

**SECTION A**

Answer ALL questions.

**Question 1**

a) What was the first widely acknowledged visual effect used in film. Identify the film and explain the process used in making it.

*(10 Marks)*

b) An Exposure trick is one of the oldest tricks in visual effects. Name the early film made by Edwin S. Porter and explain the process used in it.

*(10 Marks)*

**Question 2**

Name the technique and film that is discovered by the following people.

- a) Alfred Clark
- b) George Melies
- c) Edwin S. Porter
- d) Norman Dawn
- e) Jon Erland & L.B. "Bud" Abbot

*(10 Marks)*

Made in 1933, this film continues to inspire filmmakers, with 2 notable further remakes. It is considered to be one of the most widely known film throughout the generations that uses a combination of visual effects.

f) What is the name of the film and name the techniques used in the film.

*(10 Marks)*

**Continued ...**

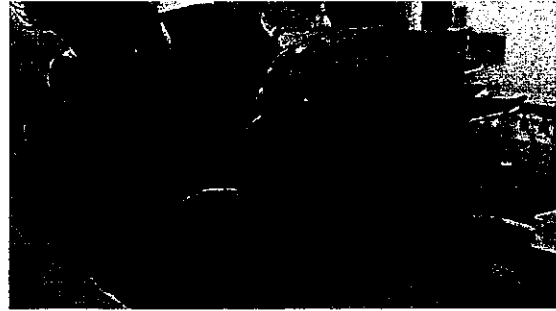
**Question 3**

The images below are few of the techniques in Special Effects.

- a) Describe briefly the name of the technique and its definition.



**Image 1**



**Image 2**

*(10 Marks)*

- b) Citing a particular film what are the benefits and advantages of Special Effects when compared to Digital Effects?

*(10 Marks)*

**Question 4**

The first step in creating a matchmove is to identify important features in the image with special markers, or tracks, in a process known as 2D tracking. In Visual Effects, 2D Tracking is one of the powerful method in achieving believable movement to be match-moved in certain shots.

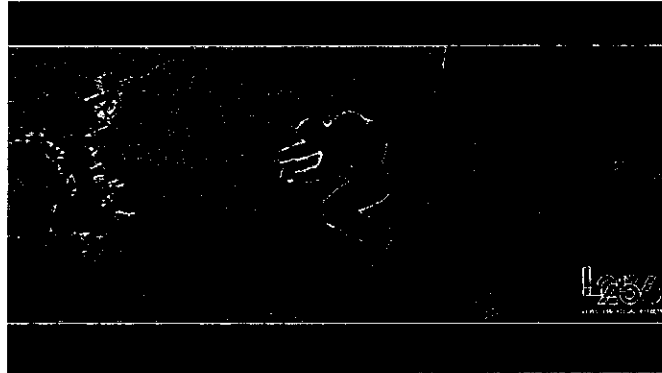
- a) Describe and explain in detail what is 2D tracking

*(10 Marks)*

- b) Describe and explain on how to get effective 2D Tracking

*(10 marks)*

**Continued ...**

**Question 5**

BG prep is the process where the VFX artist will use multiple techniques to remove rigs, wires or unwanted object in certain shots. Picture above was taken during the shooting day for Universal Pictures' "The Bourne Legacy," with complex rig removals for Philippines rooftop chase sequence. Please explain on how to remove the rigs and wire in detail with step by step procedure.

*(20 marks)*

**End of Paper.**

